

Table 1 Air Sample Results for Total Polychlorinated Biphenyls, Estabrook Elementary School, 117 Grove Street, Lexington, Massachusetts, July 22, 2010 – September 19, 2010*

Sample Location	Total PCBs (ng/m ³)			
	Round 1 ^a	Round 2 ^b	Round 3 ^c	Round 4 ^d
Room 1	299	426	118 [‡]	63 [‡]
Room 2	–	775	455	189
Room 5	459	736	320	196
Room 6	1,800	764	483	171
Room 7A	–	–	5.19	–
Room 13	319	340	184	155 [†]
Room 21A	–	–	410	193
Room 24	680	601	226	173 [†]
Room 26	–	–	–	79
Room 31A	562	575	444	–
Room 39B	–	419	–	–
Room 39C	342	495	245	100
Library	–	469	196	–
Art Room	–	–	194	–
Teacher Work Room	–	–	138	–
Basement	–	–	227	–
Ceiling plenum (39C)	–	–	562	–
Outdoors	<3.79	<5.00	<4.20	<4.46

PCB polychlorinated biphenyl
ng/m³ nanograms per cubic meter
– air sample not collected at that location

^a Round 1 samples collected July 22, 2010, during summer conditions.

^b Round 2 samples collected on August 25, 26 or 27, 2010, following removal of caulk around exterior window frame.

^c Round 3 samples collected on September 6, 2010, following initial optimization of outdoor air delivery and central exhaust, unless otherwise noted.

^d Round 4 samples collected on September 19, 2010 under optimization of outdoor air delivery and central exhaust, and indoor caulk encapsulation, unless otherwise noted.

[†] Samples collected under minimum outdoor air delivery.

[‡] Sample collected with supplemental air outdoor air (1200 CFM).

* PCB concentration analysis performed by Alpha Analytical Inc., using U.S. Environmental Protection Agency (EPA) Method 10A (GC/MS-SIM).